

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 1 | 4 | ((("6453407") or ("6249608"))).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/16 10:21 |
| 64 | 2 | ((("6601160") or ("6604169"))).PN. | USPAT | 2004/04/16 11:25 |
| 65 | 110 | ("3781810" "4398244" "4472788" "4481576" "4488252" "4511990" "4556938" "4626988" "4730248" "4742479" "4782457" "4800524" "4807172" "4829420" "4829460" "4839846" "4872128" "4882701" "4941120" "4943940" "4959776" "4977533" "4984213" "5007020" "5012441" "5032986" "5038310" "5056004" "5099445" "5101484" "5117498" "5122981" "5155823" "5197023" "5197140" "5206940" "5212662" "5276634" "5282153" "5327543" "5327566" "5379240" "5448703" "5448706" "5463749" "5469377" "5471600" "5497340" "5499380" "5548544" "5568412" "5596760" "5600813" "5619711" "5642516" "5649146" "5659700" "5689693" "5694350" "5696711" "5706460" "5715470" "5737570" "5740419" "5748516" "5764555" "5765218" "5774711" "5778416" "5790443" "5808926" "5812439" "5825730" "5826096" "5828875" "5862065" "5880984" "5892697" "5892699" "5894428" "5909385" "5917741" "5918252" "5930159" "5930503" "5938759" "5941940" "5943249" "5951627" "5951679" "5983333" "5991787" "5996067" "6009454" "6014723" "6026489" "6044392" "6044434" "6049858" "6058409" "6058410" "6058464" "6061780" "6076154" "6101521" "6115732" "6128728" "6134574" "6145049" "6397318").PN. | USPAT USPAT | 2004/04/16 11:27 |

| | U | 1 | Document ID | Issue | Date | Pages | |
|----|---|---|-------------|----------|------|-------|--|
| 11 | | | EP 851383 A | 19980701 | 51 | | Template matching method using similarity evaluation measure |
| 12 | | | JP 10150370 | 19980602 | | | Viterbi decoder for e.g. opt has calculator that squares |

Details Text Image HTML

DERWENT-ACC-NO: 1998-335661

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TITLE: Template matching method using threshold value as
obtaining square of difference between image data value of pixel in subimage to be processed with corresponding pixel in template image, performing cumulative addition on square, and if threshold is exceeded evaluation is closed

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PATENT-ASSIGNEE: HITACHI LTD[HITA], HITACHI SEISAKUSHO KK[HITA]

PRIORITY-DATA: 1997JP-0005399 (January 16, 1997), 1996JP-0344955 (December 25, 1996)

PATENT-FAMILY:

| PUB-NO | PAGES | MAIN-IPC | PUB-DATE | LANGUAGE |
|-------------------|-------|-------------|------------------|----------|
| EP 851383 A2 | 053 | G06K 009/64 | July 1, 1998 | E |
| US 20010031086 A1 | 000 | G06K 009/62 | October 18, 2001 | N/A |
| JP 10187967 A | 016 | G06T 007/00 | July 21, 1998 | N/A |
| JP 10208035 A | 017 | G06T 005/20 | August 7, 1998 | N/A |

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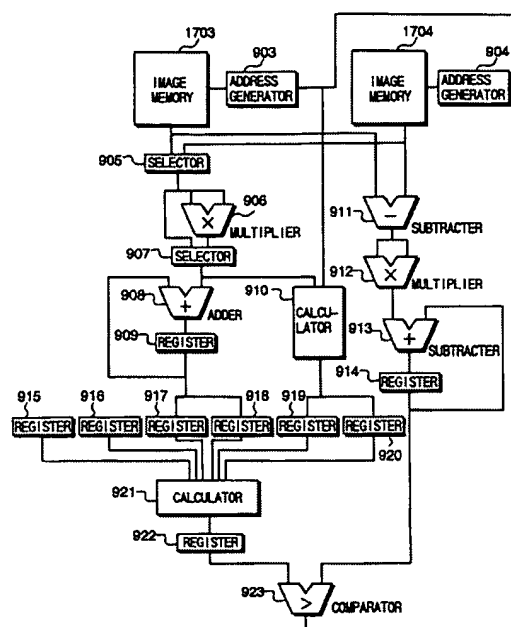
U.S. Patent

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FIG. 9



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Thus, information necessary to fully execute an instruction is divided between the entry in CLIW array 70 (FIG. 3) and the coding of the instruction in program memory 30 as follows: The instruction in program memory 30 contains CLIW array pointer 72 (FIG. 4) which indicates the entry in CLIW array 70 that has the operations template to be executed (equivalent to a **decoded VLIW instruction**, as previously loaded from program memory 30 by the compiled program). The instruction in program memory 30 also contains information about the external operands, as needed for data fetch stage 26. The CLIW array itself contains information about the operation to be performed (such as add, multiply, **square**, subtract, etc.) and additional operands which need not be specified until execution stage 28 (such as accumulators, special registers, etc.). When **instruction decoders 40 encounter a CLIW instruction** (fetched from regular program memory 30), the address of the entry is issued to CLIW array 70 for reading the controls to execution unit 60. The additional data stored in program memory 30 is also decoded (such as memory operands which need to be fetched, and additional information concerning execution unit 60 which has been stored there to reduce total width W of CLIW array 70).

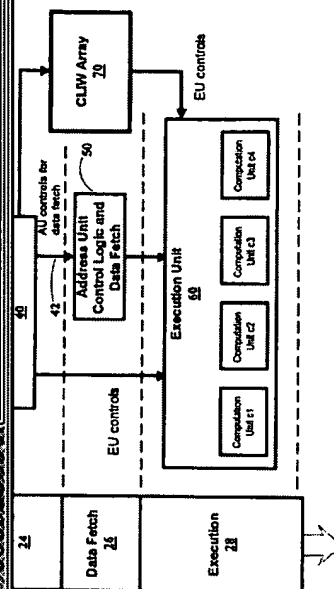


FIG. 3.